

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/019,337E  
Source: 1FW/b  
Date Processed by STIC: 12/13/04

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IFW16

## RAW SEQUENCE LISTING

DATE: 12/13/2004

PATENT APPLICATION: US/10/019,337E

TIME: 09:36:30

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Output Set: N:\CRF4\12132004\J019337E.raw

3 <110> APPLICANT: MASURE, STEFAN L.J.  
4 CIK, MIROSLAV  
5 HOEFNAGEL, EVERT W.  
7 <120> TITLE OF INVENTION: NEUROTROPHIC FACTOR RECEPTOR  
9 <130> FILE REFERENCE: JAB-1512  
11 <140> CURRENT APPLICATION NUMBER: 10/019,337E  
12 <141> CURRENT FILING DATE: 2001-12-19  
14 <150> PRIOR APPLICATION NUMBER: PCT/EP00/04918  
15 <151> PRIOR FILING DATE: 2000-05-26  
17 <150> PRIOR APPLICATION NUMBER: GB 9915200.1  
18 <151> PRIOR FILING DATE: 1999-06-29  
20 <160> NUMBER OF SEQ ID NOS: 48  
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59 <220> FEATURE:  
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70 <221> NAME/KEY: modified_base
71 <222> LOCATION: (742)
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77 cgtgcgtgag gggcggggtg ggccgctcac ccgcgtccgg gcgcgcgcag gcccggtctc 180
78 cttgccttcc aggcctcatg cgtcccgcg cccggctccc gcgaccgctg cccggaggag 240
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80 tacctggaca acgtgagcgc gcgcgttgc ccctgggtgc gctgtgcggc cagtggaaac 360
81 cggcgcgaa aatgcgaagc cttccgcaag ctctttacaa ggaaccctg cttgggtgag 420
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105 ccatagatga ggcctca 497
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116 aggaacccct gcttgatagg tgccatacaa gcctttgaca gctcgcaacc atcagttctg 180
117 caggaccagt ggaaccctta ccagaatgct ggggtctgtt tccgtgggt gtcctcgatg 240
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121 gaggctaggg cccgactggt aggttccctt gttagtaggc atctcgctg tttcttcac 480
122 catccttgag atgatggtag atgatattta gcacctgtag acagggcctc attgggcccc 540
123 ttgggcttac agagcagaac agagactagc ctctgctct tagaattggg tagtgttctt 600
124 ttccaagaag acatggcact aaggcgatca tatgaacaga ctgacagact gcagtctaaa 660
125 taccatgcc ccagggccag cgctgacctt gcttgtcacc tatgacatgg cgctgtgtag 720
126 ggattaaaga gagagattca ggtccctcct gctggacatc ccactggcct ccagactct 780
127 cccagcacct gcagtggcac agcagctcaa taaacccatg tgcactggaa aaaaaaaaaa 840
128 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaagaaaa aaaaaaaaaa 900
129 a 901

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132 &lt;210&gt; SEQ ID NO: 4

133 &lt;211&gt; LENGTH: 872

134 &lt;212&gt; TYPE: DNA

135 &lt;213&gt; ORGANISM: Rattus rattus

137 &lt;400&gt; SEQUENCE: 4

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140 ccgttttgtc ccaaggtgtc ctcgatgtcc atactcactg ccctggctct ccaggccctg 180
141 ctctaattag gaaggtgaac catggacaac acagctgact gccatgtctc tggattatgc 240
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145 cctgtagaca gggcctcatt gggccccctg ggcttacaga gcagaacaga gactagcctc 480
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150 acccatgtgc actggaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 780
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157 &lt;212&gt; TYPE: DNA

158 &lt;213&gt; ORGANISM: Rattus rattus

160 &lt;400&gt; SEQUENCE: 5

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168 tgatgcatgt gccagttctg gagatggtgg tggaggctga acctgagctt ctggggaacc 480
169 tccgagtact gctccattc acgacctggg tggatatccc taggacctgc ccatgcccgc 540
170 ttctcagga aaaacgggtc acgcctatgg gccacactct ccccccttgg gtttgggtat 600
171 ctgccccag cccccgcaa attccggggt gtggaatgtg gagaaccaag cacagaggcg 660
172 tgcagcctgc cctccctca ccagggtcag cgagctccac tgaggggaat cgctgcgtgg 720
173 aagcagccga ggcgtgcaca gcagacgagc agtgccagca gctgcgtcc ggtacgtgg 780

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176 tctgcggatg cgaaggcccc gcgtgcgcgc agcgcggcg ccagacattc gcgcccgcct 960
177 gcgcgtttctc cggccccag ctggcgccac ctctctgct gaagcccttg gaccgtgcgc 1020
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181 acgtggggcg gcctctggcg ggcggggcg cggaggcaga ttccgggggc ccgtcacagg 1260
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186 gtgcgtgctg atttggtgtg ggtgatggac agtgtgcacg tgccatggtg catgggtgga 1560
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191 ctggagttgg ccaaggctcc ctttggcact actgaggtct tttctccat gtgttccaa 1860
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193 ggtttgaagc ctgtctctgc cacttcgtag ccgagagtta aactcttatt aatcctaatt 1980
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208 &lt;212&gt; TYPE: DNA

209 &lt;213&gt; ORGANISM: Rattus rattus

211 &lt;400&gt; SEQUENCE: 6

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214 agagggtcag cgagctccac tgagggggaat cgctgcgtgg aagcagccga ggcgtgcaca 180
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224 ttggatgggt ctttgacagc ctgcaaccat cagttctgca ggaccagtgg 780
225 aaccctacc agaatgctgg gtgtgtttc ctgtgggtgt cctcgatgtc catactcact 840

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251 ggctctccag gccctgctct aattaggaag gtgaaccatg gacaacacag ctgactgcc 960
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265 20 25 30
267 Glu Gly Asn Arg Cys Val Glu Ala Ala Glu Ala Cys Thr Ala Asp Glu
268 35 40 45
270 Gln Cys Gln Gln Leu Arg Ser Glu Tyr Val Ala Gln Cys Leu Gly Arg
271 50 55 60
273 Ala Gly Trp Arg Gly Pro Gly Ser Cys Val Arg Ser Arg Cys Arg Arg
274 65 70 75 80
276 Ala Leu Arg Arg Phe Phe Ala Arg Gly Pro Pro Ala Leu Thr His Ala
277 85 90 95
279 Leu Leu Phe Cys Gly Cys Glu Gly Pro Ala Cys Ala Glu Arg Arg Arg
280 100 105 110
282 Gln Thr Phe Ala Pro Ala Cys Ala Phe Ser Gly Pro Gln Leu Ala Pro
283 115 120 125
285 Pro Ser Cys Leu Lys Pro Leu Asp Arg Cys Glu Arg Ser Arg Arg Cys
286 130 135 140
288 Arg Pro Arg Leu Phe Ala Phe Gln Ala Ser Cys Ala Pro Ala Pro Gly
289 145 150 155 160

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/019,337E

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Input Set : A:\Jab1512.app

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 583, 611, 637, 664, 684, 689, 728, 734, 742

**VERIFICATION SUMMARY**

PATENT APPLICATION: **US/10/019,337E**

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Input Set : **A:\Jab1512.app**

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L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:540  
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:600  
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:660  
L:87 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:720